

Supplementary figure 1

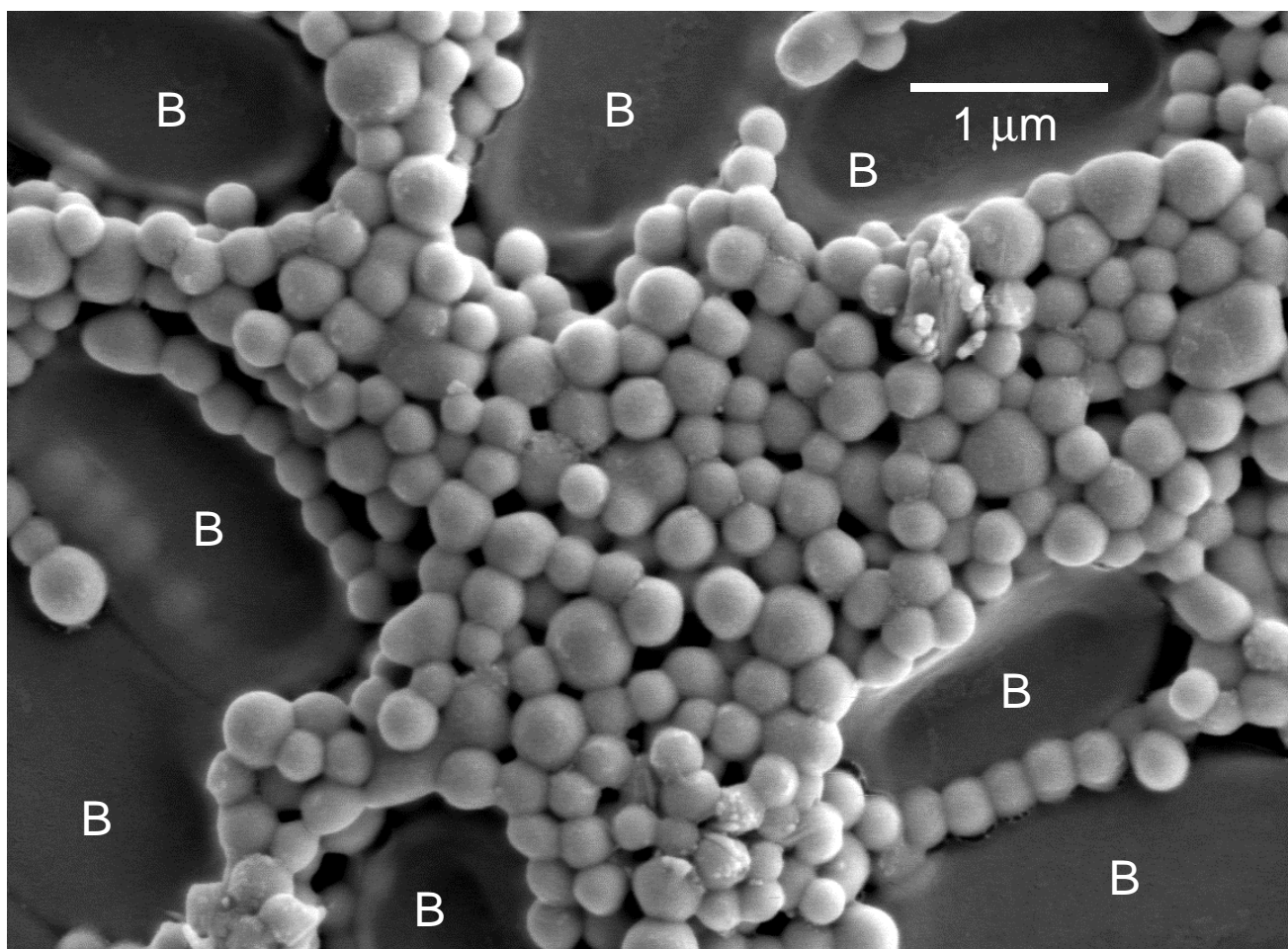
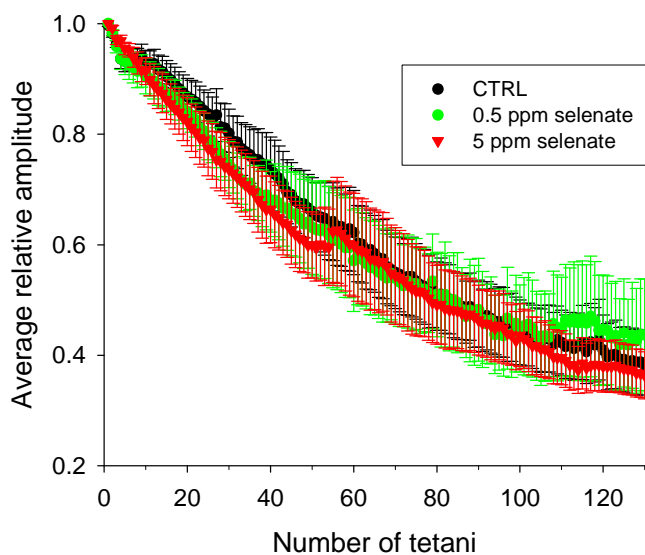


Photo of bacterias (B) and elemental selenium nanoparticles (globular objects with 200-500 nm diameter) by scanning electron microscope. The elemental selenium nano-sized balls (NanoSe) have red color in truth.

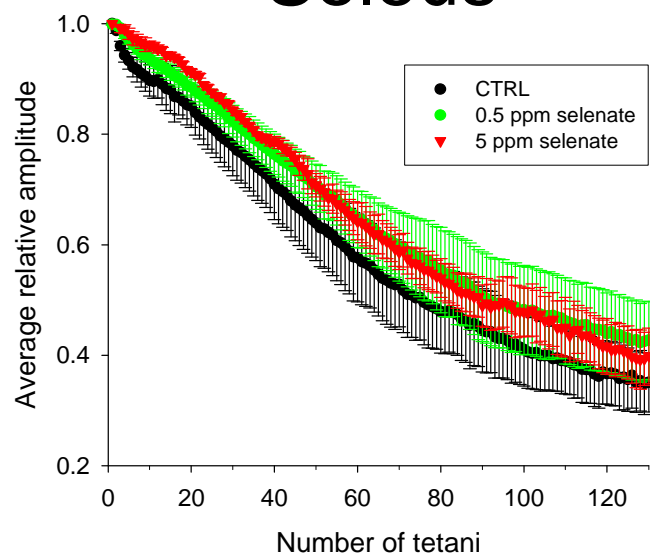
Supplementary figure 2

Fatigue

EDL



Soleus



150 tetani were elicited at 0.5 Hz during 5 minutes. The amplitude of tetani was normalized to the first tetanus.

NanoSe has same effects on fatigue.